

ABSTRACT OF THE DISCLOSURE

A method for data security with lock in a hard disk and a solid state disk is provided. The method makes a frequently used system record possible to be saved in the user zone. The main system program or the drive program can be saved in the ROM zone to avoid that the programs are subjected to an abnormal change or a not allowed change and revision so as not to damage the operation of the system. The core program of the system can be saved in the protect zone and the password has to be confirmed before the core program can be executed. Therefore, the present invention can give the disk system an effective function of protect with lock to protect the intellectual property for the system designer and to protect the data in secret and with safety for the user.